BILL NO. S-73-11-//

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 SPECIAL ORDINANCE NO. S- 128-73

AN ORDINANCE approving a certain bid document with GENERAL ELECTRIC CO. for the purchase of certain communications equipment (to be used by the Fort Wayne Police Dept.) for the Department of Public Safety.

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. A certain bid document ref. no. 538 dated August 22, 1973, between the City of Fort Wayne, by and through its Mayor and the Department of Public Safety and GENERAL ELECTRIC COMPANY, for:

- 4 90 Watt, high band, tone squelch, repeater base stations \$8,432.00
 - Remote receiver voting systems complete \$8,768.00

resulting in a total of \$17,200 of which only \$3,225 will be spent from City Communications Department accounts in accordance with ICJPA grant #G-73-C-E07-0215, through which the above equipment will be acquired, as more specifically set forth in said bid document ref. no. 538 and Purchase Order No. which are on file in the office of the Department of Purchasing, and are by reference incorporated herein and made a part hereof, is hereby in all things ratified, confirmed and approved.

SECTION 2. This Ordinance shall be in full force and effect from and after its passage and approval by the Mayor.

Councilman
APPROVED AS TO FORM

APPROVED AS TO STATE

Read the first time in full and on motion by	Mingil, seconded by
Attiv , and duly adopted, read the s	
to the Committee on Innerice	
Commission for recommendation) and Public Hearing	
at the Council Chambers, City-County Building, For	
the day of	, 197, at
o'clock P.M., E.S.T.	
Date: Ness, 13, 1973	eleculito. Telestermania
	The Glask
Read the third time in full and on motion by	Minga.
seconded by Salaries, and dr	dy adopted, placed on its passage.
Passed (LOST) by the following vote:	
ayes <u> </u>), ABSENTto-wit:
BURNS	
HINGA	
KRAUS	
MOSES	
NUCKOIS	
SCHMIDT, D.	
SCHMIDT, V.	
STIER	
TALARICO	al luber
DATE:	GITY GLERK
Passed and adopted by the Common Council of	the City of Fort Wayne, Indiana.
as (Zoning Map) (General) (Annexation) (Special)	
(Resolution) No. 8-128-78 on the 9	Ted day of Mosender, 1973.
ATTEST: (SEAL)	
Charleto alestorme	Minfuld & Mins TR PRESIDING OFFICER
CITY CLERK	
Presented by me to the Mayor of the City of	
day of Movember , 197 a	, at the hour of 1-20. Clock
M.,E.S.T.	I Willet
	Russell Wislams
Approved and signed by me this afth day o	Morented, 1973,
at the hour of 2:10 o'clock . M., E.S	TO O
· · · · · · · ·	Soul of Rebord
	THYOR

Bill No.	S-73-11-11	
	Committee on	REPORT OF THE COMMITTEE ON FINANCE Finance to whom was referred an Ordinance
		Approving a certain bid document with GENERAL ELECTRIC CO.
		for the purchase of certain communications equipment (to
A		be used by the Fort Wayne Police Dept.) for the Department of
,		Public Safety.
	·	
		ce under consideration and beg leave to report back to the Common
Council		inance PASS.
		inga - Chairman William Ange
	John Nuckols	- Vice-Chairman John Huckor
	James S. Stie	
	Samue J. Tala	rico samuel palarico
	Paul M. Burns	
		MADE A MATTER OF RECORD
		DATE 11-2778 CHARLES W. WESTERMAN, CITY CLERK

House Memorandum

Lexy Demetroff, Director of Purchasing pate 9/12/73

James R. Trimble, Assistant Chief - Communications

Subject Bid Ref. # 538 " 4 base stations and 2 receiver voting systems"

COPIES TO:

I suggest the General Electric bid be accepted for the following reasons:

- 1. They are the low bidder by \$4,084.00.
- We have a large quantity of their equipment similar to this in service in various City radio systems and are pleased with it in every way.

James R. Trimble

Assistant Chief Communications

Approved By:

Nick Palermo, Chief of Communications

JRT/ahc

S This is ready

ID BOY. 538 IOSING DATE 9/11/73 Communications Dept.	4 ea. Repeater Base Stations	2 ea. Remote Receiver Voting Systems	Total	Delivery
General Electric Co. Afridovit O.K. Bond O.K.	[#] 8, 432.00	#8,768.00	#17,200.00	120 days
Mavis Mobile Radio	NOBID	NO BID		One and the second seco
Motorola, Inc. Affictivity O.K. Check 1,500,00	#9,344.00	#11,940.00	#21,280.00	6wk. A.R.O.
RCA Comm. Systems				
.) & L Communications				
I.B.M. Corporation			· .	

CLL OR ROLL VARIATION DEPARTMENT OF PURCHASES Page_ 1 01 9 Number One Main St., Ft. Wayne, Ind. INVITATION 538 Ref. No ... Contations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination Date August 22, 1973 as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as (Telephone 423-7037) *Kall all replies and correspondence, etc. to the A.T. Demetroff DEPARTMENT OF PURCHASES Date wanted . Room &50, Number One Main St., Ft. Wayne, Ind. 46802 Show Best Delivery REQUIRED FOR DELIVERY TO: See Department Communications Department Appropriation NoBelow or Division B-24, City-County Building One Main St., Ft. Wayne, Ind. 46802 Address . RETURN ORIGINAL TO THE CITY - RETAIN DUPLICATE COPY FOR YOUR FILE Closing Tuesday, September 11, 1973 at 10:30 A.M. Time of Bids IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPT IDER IS NO. 34508. PRICES SHOULD NOT INCLUDE THESE TAXES, Sc. "Instructions to Bidders" No. 10 on reverse hereof i TAX EXEMPT (Unless otherwise indicated) nantity Tinio Materials, Supplies, Equipment or Services ea 90 watt, high band, tone squelch, repeater base \$8,432,00 stations, per specifications enclosed. Remote receiver voting systems complete, per ea 4,384 \$8,768. specifications enclosed. ICJPA Grant #G-73-C-E07-0215 State Money Acct. 76-7-726 id Bond required Performance Bond See instruction item No. 16 on reverse side hereof. erms_net_15%comments with the same of the PROPOSAL OR BID In compliance with the above invitation for hids and subject to all conditions thereof, the understand offers and agrees, if this hid be described within an invitable may from date of claims, to formish any or all of the frame or reader such corrects upon which price are quoted, in accordance with the specifications applying and at the complete of produce of them. pelivery of any or all of the items or completion of services indicated shall be made within_days from receipt of order. IMPORTANT (See delivery may be a deciding factor in the award of an order, it is important that biblican furnish the information requested above. Elgn Horas General Electric Company Name of Occupany rue Dist. Sales 1800 N. Meridian St.

- 1. Special Conditions; Special conditions included in the Bid Document shall take precedence over any provisions stipulated hereunder.
- 2. Applicable Laws: The Revised statutes of the State of Indiana, and all City ordinances insofar as they apply to the laws of competitive bidsing, contracts, and purchases, are made a part hereof.
- 2. Workmen's Compensation: Insofar as Workmen's Compensation Act is concerned, the bidder or contractor agrees to furnish an official, certifiender from the Industrial Board of Indiana, showing that he is in compliance with such law, whenever such certificates are required in the Etd
- 4. Enfringements and Indemnifications: The bidder, if awarded an order or contract, agrees to protect, defend, and save the City harmless against ony demand for payment for the use of any patented material, process, article, or device that may enter into the manufacture, construction, or form a part of the work covered by either order or contract and he further agrees to indemnify and save the City harmless from suits or actions of every nature and description brought against it, for or on account of any injuries or damages received or sustained by a party or parties, by or from any of the acts of the contractor, his servants, or agents.

To this extent the bidder or contractor agrees to furnish adequate Public Liability and Property Damage Insurance, the amount of which will be dynamined by the City whenever such insurance is deemed necessary. When so required the types and amounts of insurance to be provided to not forth in the Bid Document.

- S. Pricing: Prices should be stated in units of quantity specified in the Bid Document. In case of discrepancy in computing the amount of the bid the unit prices quoted will govern.
- 6. Delivery: Quotations should include all charges for delivery, packing, crating, containers, etc. Unless otherwise stated by the bidder prices quoted will be considered as being based on delivery to the destination designated in the Bid Document and to include all delivery and packing
- 7. Specifications: Unless otherwise stated by the bidder the proposal will be considered as being in strict accordance with the specifications cutlined in the Bid Document.
 - References to a particular trade name, manufacturer's catalog or model number are made for descriptive purposes to guide the bidder in interpreting the requirements of the City. They should not be construed as excluding proposals on other types of materials, equipment and supplies, Engager the hidder, if awarded a contract, will be required to furnish the particular item referred to in the specifications or description unless a departure or substitution is clearly noted and described in the proposal.
- 2. Samples: Samples, when requested, must be furnished free of expense to the City and if not destroyed, will upon request be returned at the hidder's expense.
- 2. Cash Discounts: Time in connection with cash discount offered, will be computed from date of delivery and acceptance at final destination or from date properly executed claim voucher is received, if the latter date is later than the date of delivery and acceptance.
- 10. Tages: The City is generally exempt from Federal Excise and Indiana State Sales Tax. Quotations must be separated to show the amount to be added for taxes of any kind if applicable. Prices should not include tax. The City will pay such taxes as are applicable to this purchase. Exemption forms will be furnished wherever necessary. Taxes wherever indicated and which are applicable to this purchase, will not be subject
- 11. Bid Informalities and Rejections The City reserves the right to waive informalities not inconsistent with law or to reject any or all bids.
- 12. Award: Unless otherwise specified in the Bid Document the City reserves the right to accept any item in the bid. Unless otherwise stated in the Bid Document bidders may submit proposals on any item or group of items, provided however that the unit prices are shown as requested.
- 13, Payments: Partial payments may be made upon presentation of properly executed claim voucher unless otherwise stated in the Bid Document. The final payment will be made by the City when the materials, supplies or equipment has been fully delivered and accepted or the work comploted to the full satisfaction of the City.
- 14. Differ's Signaturer Each proposal form must be signed by the bidder with his usual signature. All signatures should be in full. Bids by partnership abould include the names of the partners composing the partnership and must be signed by one or more of the partners in the following manner: "John Jones and James Smith, d.b.a., Smith-Jones Company, by John Jones, a partner",
 - Bids by corporations must be signed with the names of the corporation, followed by the signature and designation of the president, vice-president, or person authorised to bind it in the matter.
- 15. The gracecaful bidder, or contractor, agrees that he will comply with Indiana Acts 1961, chapter 208, section 10, being Burns Indiana Statute 60-2016-1034 supplement requiring such bidder, contractor, or his subcontractor not to discriminate with respect to hiring, tenure, terms, conditions, or privileges of employment because of race, color religion, national origin or encestry.
- 2C. Unless otherwise epoclically indicated under the individual listing in the legal advertisement or invitation to bid, all hide shall be subject to the tellopping.
- a) A Bid bond, depocit of each, certified check or Bank Cashiers Check, in the amount specified, drawn on a selvent bank payable to the City of Fort Wayne or to the contracting division thereof.
 - b) The successful bidder will be required to furnish a bond or Cartified Check on a solvent bank, payable to the City of Fort Wayne or to the confracting division thereof, in the amount specified in the notice of bids wanted or the invitation to hid, as a guarantee for the faithful performance thereof.
- 17. Erbinistion and Berelpt of Blde:

to any trade or eash discounts.

- a) Proposals, to receive consideration, must be received prior to the specified time of closing as designated in the invitation.
- b) Bidders must use the Bid Document proposal form furnished by the City as none other will be accepted. Proposal forms must be returned intact. Econoval of any part theroof may invalidate the bid.
 - a) Bidders are requested to use the Bid Envelope if furnished by the City, or other similarly identified envelope to escure proper handling. Envelopes should be scaled when submitted with information on the face of the Bid Envelope to identify the bid, e.g., Bid Reference number and date of closing and City Agency involved.
 - d) Esparate proposals must be submitted on each reference number.
- o) Proposals having any ensures or corrections thereon may be rejected unless explained or noted over the algunture of the bidder.

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Specifications for the Four (4) Base Stations will meet or exceed the following:

High Band (150-174 Mhz.), one frequency transmit, one frequency receive, tone squelch, DC remote control, repeater base station.

Remote control will be over two pairs of wires. One pair will carry receive audio at all times, the other pair will carry transmit audio and DC control voltages.

The cabinet shall contain the following items to permit unattended mobile relay operation at the dispatchers discretion:

- A switching arrangement to key the transmitter upon receipt of a signal by the receiver.
- A transistorized audio coupler for audio response reshaping and to maintain overall audio quality equal to that obtained in communications not using the repeater.
- An adjustable drop-out delay circuit, providing an adjustable zero tô six second delay in transmitter drop off to keep the transmitter on between interchange of transmissions between mobiles.

An adjustable limit timer shall be provided to protect the transmitter against prolonged continous operation due to equipment failure or spurious signals. The limit timer will be adjustable between one and six minutes, and will send an audible signal down the receive control line when it has disabled the transmitter. The timer will automatically reset each time the keying circuit is released either by the dispatcher or the automatic repeat keying circuits.

A duplexer shall be provided for transmit and receive operation from single antenna and transmission line. It is desirable that this duplexer mount inside the base station cabinet.

BASE STATION - TECHNICAL SPECIFICATIONS:

- 1. Input power 117 volts AC (+ or 10%) 60 Hz.
- 2. Transmit output minimum 90 watts continous.
- 3. Modulation 16F3.
- 4. Quieting sensitivity .5 uv or less for 20 DB.
- 5. Intermod attenuation at least 80 DB.

- 6. Spurious response attenuation at least 100 DB.
- 7. Oscillator stability .0002% transmit, .0005% receive.
- 8. Completely solid state, except driver and final may be tubes.
- 9. Must be supplied with an attractive indoor upright floor mount cabinet with full metering facilities.
- 10. Squelch circuit capable of both tone squelch and carrier squelch operation.
- 11. Two pair DC remote control (as set forth in general specifications).
- 12. Complete service manual supplied with bid.

In all details not specifically stated in these general and technical specifications, it is understood that the equipment shall meet or exceed those requirements of the EIA and FCC which are current at the time of award or delivery.

Exact RF carrier and tone squelch frequencies will be specified to successful bidder.

RECEIVER VOTING SYSTEMS - GENERAL SPECIFICATIONS:

Each of the two receiver voting systems will consist of four remote receivers, complete with their on site control equipment, and a central "receiver selector" unit. The receiver selector unit will be located at the Communications Center in the City-County Building. One of the four remote receivers will be located at each of the Communications Departments four remote receive sites.

Each system will have the basic capacity of at least four remote receivers and must be expandable to a capacity of at least eleven receivers.

Each remote receiver will feed all control information and any received signal to its receiver selector over a single balanced 600 ohm voice grade <u>audio</u> path (four remote receivers - four audio paths).

Two of the four receivers in each system will be supplied with an emergency battery option, its characteristics shall be such that:

- It will have an automatic charging arrangement that will keep its battery fully charged indefinitely without adverse effect.
- When fully charged, it shall have sufficient capacity at 25°C to supply normal duty cycle preformance for the receiver assembly for at least eight hours following loss or normal AC power.

THE RECEIVER SELECTOR UNIT WILL:

- Upon receipt of a signal, present that signal (or the best signal if more than one is received) to the dispatcher in 50 milliseconds or less.
- Continously review all signals being received and automatically present the best signal to the dispatcher at all times, excluding all other signals. Switching from one signal to another must be done so that:
 - a. Not a syllable of any word in the transmission is lost.
 - b. The dispatcher is unaware that the transition has taken place except when noticeable improvement has been made.
 - c. No switching sounds, such as clicks, pops or hisses will be heard.
 - d. Visible evidence of the transfer shall be displayed by selector status lights.

Exact RF carrier and tone squelch frequencies will be specified to the successful bidder.

Latest instruction manual for equipment bid must be supplied with bid.

Remote receiver assemblies and receiver selector units will be designed to fit it standard 19" rack cabinets and will be supplied less rack cabinets.

In all details not specifically stated in these general and technical specifications, it is understood that the equipment shall meet or exceed those requirements of the EIA and the FCC which are current at the time of the award of this bid.

TECHNICAL SPECIFICATIONS - REMOTE RECEIVER ASSEMBLIES:

- 1. Input power 117 volts AC (+ or 10%) 60 hz.
- 2. Frequency range High band (150 174 Mhz.).
- 3. Input impendence nominal 50 ohms.
- 4. Quieting sensitivity .5 uv or less for 20 DB.
- 5. Modulation acceptance minimum + or 7. Khz.
- 6. Intermod attenuation at least 80 DB.
- 7. Spurious response attenuation at least 100 DB.
- 8. Audio response EIA standard 300 to 3000 Hz.

- 9.) Oscillator stability .0005% (-30°C to +60°C).
- 10. Output impendence 600 ohm balanced.
- 11. Squelch circuit capable of both tone squelch and carrier squelch operation.

TECHNICAL SPECIFICATIONS - RECEIVER SELECTOR:

- 1. Input power 117 volts AC (+ or 10%) 60 Hz.
- 2. Input line 600 ohm balanced.
- 3. Output line 600 ohm balanced capable of at least +11 DBM output.
- 4. Operating time 50 milliseconds or less.
- 5. Switching time 10 milliseconds or less.

Page 7	•	of <u>9</u>	
Reference	e No.	538	

NON-COLLUSION AFFIDAVIT

STATE OF INDIAN	NA,	lee.
MARION	COUNTY	, 35.

The undersigned bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting, nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporation has, have or will receive directly or indirectly, any rebate, fee, gift, commission or thing of value on account of such sale or contract.

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1. 7. K.
Bidder or Agent
GENERAL_ELECTRIC_COMPANY

My Commission Expires

Nov. 18, 1976

Katheryn E. Smith Notary

REQUEST FOR PUBLICATION

News Sentinelx Journal Gazette X Other

Kindly publish the following advertisement on the dates as shown and issue invoice to *

August 22, 1973 DATE

* Department Address

Communications Department B-24 City-County Building One Main St., Ft. Wayne, Ind. 46802

Department of Purchases City of Fort Wayne

BIDS WANTED - REFERENCE NO.

Sealed Proposals will be received by the City of Fort Wayne at the Office of Department of Purchases, Number One Main Street, Room 470. Fort Wayne, Indiana, until 10:30 A.M., Tuesday, September 11, 1973 for the following items:

4 each - 90 watt, high band, tone squelch repeater base stations

2 each - Remote receiver voting systems complete

Bid Forms, specifications, etc., may be obtained upon application at the office and address given above. 5% of Bid A Bid Bond or Certified Check in the amount of

must be submitted with the bid.

Department of Purchases City of Fort Wayne By A.T. Demetroff Director of Purchases

INSERT 1st RUN REPEAT 2nd RUN Type of Advertising Required LEGAL NOTICE

August 28, 1973 September 4, 1973 Х

PROPOSAL AND BID SURETY FORM

PROPOSAT.

T. 80580338

In compliance with the foregoing invitation to bid and subject to all of the conditions thereof the undersigned offers and agrees, if this bid is accepted within a reasonable time from date of opening of bids, to enter into a contract in accordance with the prices stated herein.

The Legal Advertisement, General Conditions, Instructions to Bidders, Information for Bidders, Special Conditions, Specifications, and Plans applying form a part of this proposal,

This proposal is supported by the following bid surety as required by law and signatures affixed thereto constitute both a proposal and bid surety executed by the bidder.

BID SURETY (REQUIRED BY LAW):

BOND FORM: (USE THIS BOND FORM-NO ALTERNATE FORM OF BOND WILL BE CONSIDERED).

KNOW ALL MEN BY THESE PRESENTS. THAT we, the undersigned, are held and firmly bound unto the City of Fort Wayne, State of Indiana, in the sum of FIVE PER CENT OF THE ACCOMPANYING BID-----

to be paid on demand to said City of Fort Wayne, its successors and assigns for which payment well and truly to be made, we hereby bind ourselves, our heirs, successors, executors, and administrators, jointly and severally firmly by these presents. The condition of this obligation is such that if the bid or proposal attached hereto and made a part hereof and submitted to the within named division of the City of Fort Wayne or its duly constituted agent, is accepted and a contract awarded to the undersigned bidder and the said bidder shall within ten (10) days after notice of said award enter into a contract

as may be required to the satisfaction of the City of Fort Wayne, is otherwise to be in full force and effect. If E corner	
BID CHECK (ALTERNATE FORM OF SURETY): that a cer	ificate authorizing the "attorney-in-fact"
	boud accompanying the same.
Cashiers Check No in the sum of	
	Dollars
on	Bank
of	
Note: If Check is used as Bid Surety—Attach here.	
	,
SIGNATURES (BID SURETY AND PROPOSAL):	GENERAL ELECTRIC COMPANY Name of Bidder-Print or Type
Witnessed by:	By Signature of Person Authorized to Sign

Witnessed by: OTHER PARTIES INTERESTED IN THIS PROPOSAL (See 14—Signatures under General Conditons, etc.) List all Parties if Partnership	BIDDER AND PRINCIPAL	By Signature of Person Ajrhorized to Sign Title District Sales Manager 1800 N.Meridian St., Suite 411 Street Name and Number Indianapolis, Indiana 46202 City State and Zip Code Date August 30, 1973
Witnessed by:	SURETY	FEDERAL INSURANCE COMPANY Name of Company — Print or Type Incorporated In the State of; NEW YORK Address

Admn.	Appr.	
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DIGEST SHEET

D-73-11-11

TITLE OF ORDINANCE An Ordinance Approving Certain Bids and Authorizing Purchase.
DEPARTMENT REQUESTING ORDINANCE Department of Public Safety
SYNOPSIS OF ORDINANCE Ordinance will approve the bid submitted by the General
Electric Co., the lowest bidder, for certain base station equipment plus
related equipment, including repeater systems, etc., and remote voting
receiver voting systems for frequency transmission along land lines, plus
related equipment, all for use in the installation of two additional radio
channels to be used by the Fort Wayne Police Department. Ordinance will
authorize acquisition and installation labor for same.
EFFECT OF PASSAGE Passage will enable all plainclothes divisions of the Police
Department to separate their radio traffic from the primary police frequency
used currently by not only the uniformed and traffic divisions of the department
but also by these plainclothes divisions, including the detective bureau, juvent EFFECT OF NON-PASSAGE aid division, and vice and narcotics bureau.
Non-passage will force the entire department to remain on the primary police
frequency, overloading that channel to an untenable position.
MONEY INVOLVED (Direct Costs, Expenditures, Savings) \$17,200 in expenditures,
however only \$3,225 will be spent from City Communications Department accounts,
in accordance with ICJPA grant #G-73-C-E07-0215, through which the above equip-
ment will be acquired.
ASSIGNED TO COMMITTEE (J. N.) FW WG